

In the Claims

The status of claims in the case is as follows:

- 1 1. [Original] A data processing system, comprising
- 2 a text-based host including a workstation server;
- 3 a workstation including a graphics capable client;
- 4 a graphics application on said host;
- 5 said client being operable for negotiating a connection
- 6 with said host on a first port;
- 7
- 8 said client being further operable for informing said
- 9 workstation server that said workstation is graphics
- 10 enabled and that said graphics capable client is
- 11 waiting on a second port;
- 12 said workstation server being operable for establishing
- 13 a connection to said second port for communication
- 14 between said graphics application and said graphics

15 client.

1 2. [Original] The data processing system of claim 1, said
2 workstation further including a graphical user interface for
3 interfacing between a user and said graphics capable client
4 on behalf of said graphics application.

1 3. [Original] The data processing system of claim 2, said
2 client being a Telnet-based client, said graphical
3 application being a Java graphical application, and further
4 comprising:

5 a Java Virtual Machine for executing said graphics
6 application;

7 a windowing toolkit responsive to IP address and port
8 attributes from said Telnet-based client for
9 establishing at least two independent connections to
10 the IP address of said workstation, at least one of
11 said independent connections being from said Java
12 Virtual Machine to said graphics enabled client.

1 4. [Original] The data processing system of claim 3,
2 further comprising a Java Virtual Machine and virtual device
3 support for a plurality of client and hardware
4 configurations, thereby providing application platform
5 independence for a plurality of workstation architectures.

1 5. [Original] The data processing system of claim 4,
2 further comprising:

3 a plurality of graphical applications for performing
4 language and work management functions;

5 said Java Virtual Machine and virtual device support
6 providing language and work management functions
7 simultaneously for a plurality of workstation clients.

8 6. [Original] The data processing system of claim 5, said
9 text-based host providing a centralized store and support
10 for a plurality of text-based applications and
11 graphics-based applications.

1 7. [Original] The data processing system of claim 6, said
2 applications including applications for executing backup and
3 recovery processes.

1 8. [Original] The data processing system of claim 6, said
2 text-based host further providing for centralized upgrading
3 of said applications applicable to all workstations without
4 requiring routine upgrading of hardware or software of said
5 workstations.

1 9. [Original] The data processing system of claim 6, said
2 text-based host providing a single source for application
3 service providers, including consulting, leasing, and
4 marketing text based and graphical applications.

1 10. [Original] The data processing system of claim 2, said
2 text-based host providing support for thin clients having
3 graphical capability.

1 11. [Currently amended] A data processing system,

2 comprising:

3 a text based host system;

4 a Java virtual machine on said text based host system
5 for executing both text based and graphical
6 applications;

7 a workstation server on said host system for connecting
8 said host system to a plurality of ports at a client
9 workstation, at least one of said ports interfacing a
10 graphical client and another of said ports interfacing
11 a Telnet-based client; and

12 said Telnet-based client for negotiating a connection
13 with said host system on a first of said ports and
14 informing said host that said workstation is multimedia
15 enabled and a multimedia enabled client at said
16 workstation is listening on at least a second port for
17 multimedia application data;

18 said host selectively establishing a multimedia
19 connection from a virtual machine executing a selected
20 application to said second port on said client for

21 presentation of a multimedia application interface at
22 said client.

1 12. [Original] System for executing multimedia
2 applications on a text based host for input/output with
3 respect to a multimedia enabled workstation, comprising:

4 a library of multimedia enabled applications;

5 a Telnet-based client for negotiating a connection with
6 said host on a first enabled port and informing said
7 host that said workstation is multimedia enabled and a
8 multimedia enabled client at said workstation is
9 listening on at least one second port for multimedia
10 application data;

11 said host selectively establishing a multimedia
12 connection from a virtual machine executing a selected
13 application to said second port on the client for
14 presentation of a multimedia application interface at
15 said multimedia enabled client.

1 13. [Original] System for executing multimedia
2 applications on a text based host for input/output with
3 respect to a multimedia enabled workstation, comprising:

4 a library of multimedia enabled applications;

5 a server for negotiating a connection with a
6 Telnet-based client at said workstation on a first
7 enabled port and receiving from said Telnet-based
8 client indicia specifying that said workstation is
9 multimedia enabled and a multimedia enabled client at
10 said workstation is listening on at least one second
11 port for multimedia application data; and

12 said host selectively establishing a multimedia
13 connection from a virtual machine executing a selected
14 application to said second port at said workstation for
15 presentation of a multimedia application interface at
16 said multimedia enabled client.

1 14. [Original] Method for executing multimedia
2 applications on a text based host for input/output with
3 respect to a multimedia enabled workstation, comprising the

4 steps of:

5 negotiating a connection with a Telnet-based client at
6 said workstation on a first enabled port;

7 receiving from said Telnet-based client indicia
8 specifying that said workstation is multimedia enabled
9 and a multimedia enabled client at said workstation is
10 listening on at least one second port for multimedia
11 application data; and

12 selectively establishing a multimedia connection from a
13 virtual machine executing a selected application to
14 said second port at said workstation for presentation
15 of a multimedia application interface at said
16 multimedia enabled client.

1 15. [Original] A program storage device readable by a
2 machine, tangibly embodying a program of instructions
3 executable by a machine to perform method steps executing
4 multimedia applications on a text based host for
5 input/output with respect to a multimedia enabled
6 workstation, said method steps comprising:

7 negotiating a connection with a Telnet-based client at
8 said workstation on a first enabled port;

9 receiving from said Telnet-based client indicia
10 specifying that said workstation is multimedia enabled
11 and a multimedia enabled client at said workstation is
12 listening on at least one second port for multimedia
13 application data; and

14 selectively establishing a multimedia connection from a
15 virtual machine executing a selected application to
16 said second port at said workstation for presentation
17 of a multimedia application interface at said
18 multimedia enabled client.

1 16. [Original] A computer program for executing the steps
2 comprising:

3 negotiating a connection with a Telnet-based client at
4 said workstation on a first enabled port;

5 receiving from said Telnet-based client indicia
6 specifying that said workstation is multimedia enabled

7 and a multimedia enabled client at said workstation is
8 listening on at least one second port for multimedia
9 application data; and

10 selectively establishing a multimedia connection from a
11 virtual machine executing a selected application to
12 said second port at said workstation for presentation
13 of a multimedia application interface at said
14 multimedia enabled client.